

FIG. 1

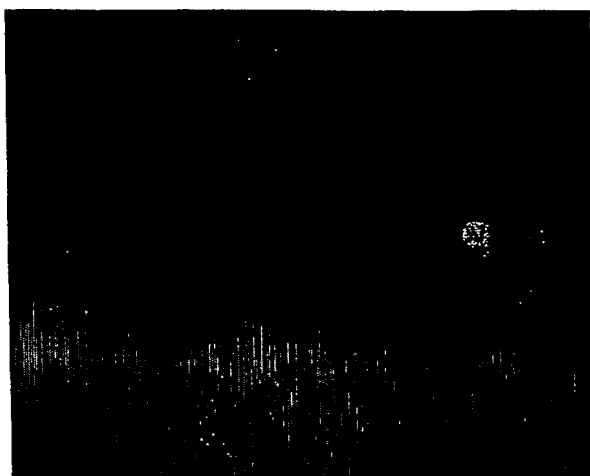


FIG. 2

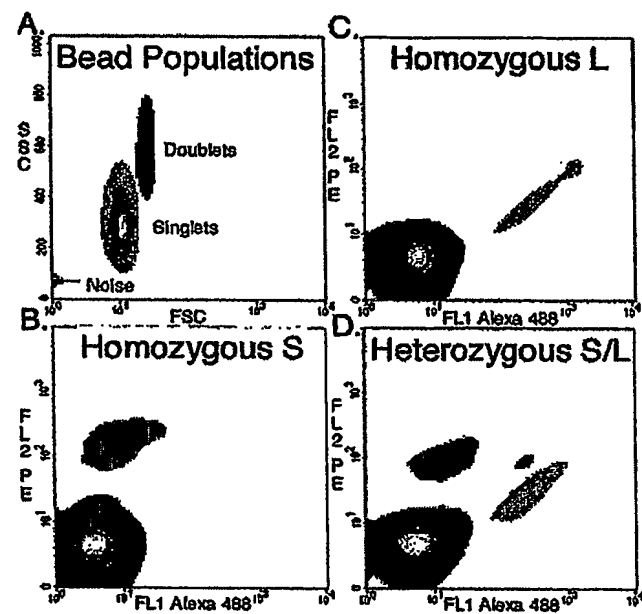


FIG. 3

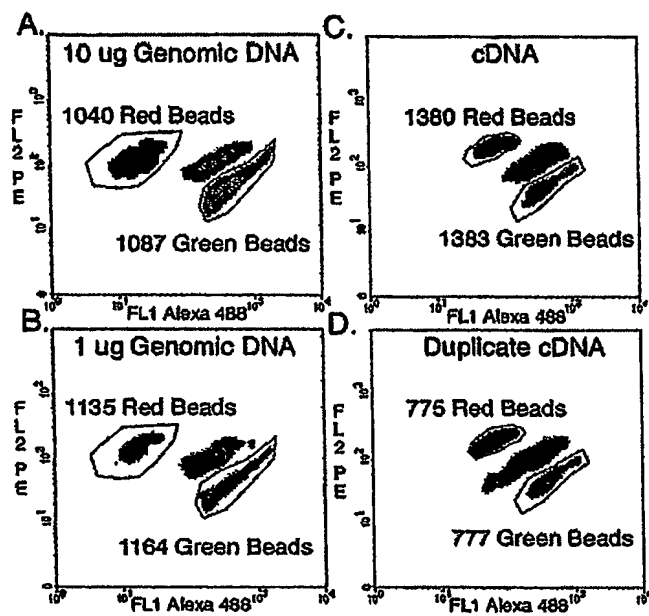
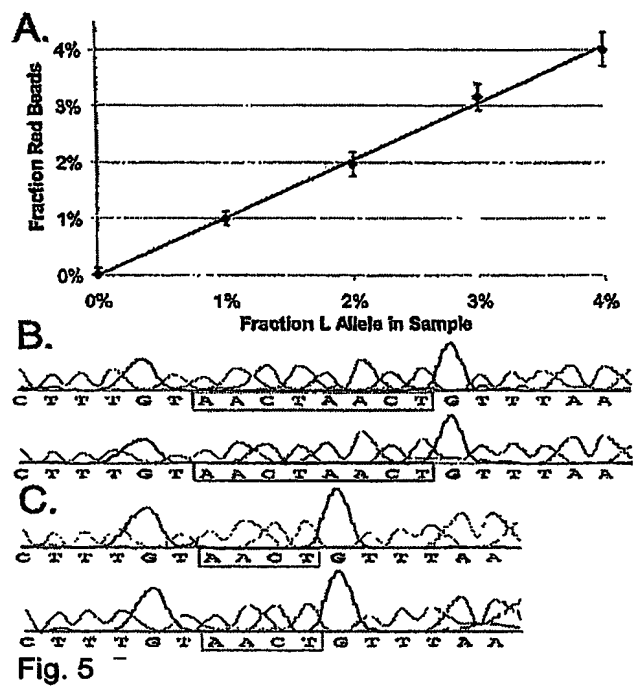


FIG. 4



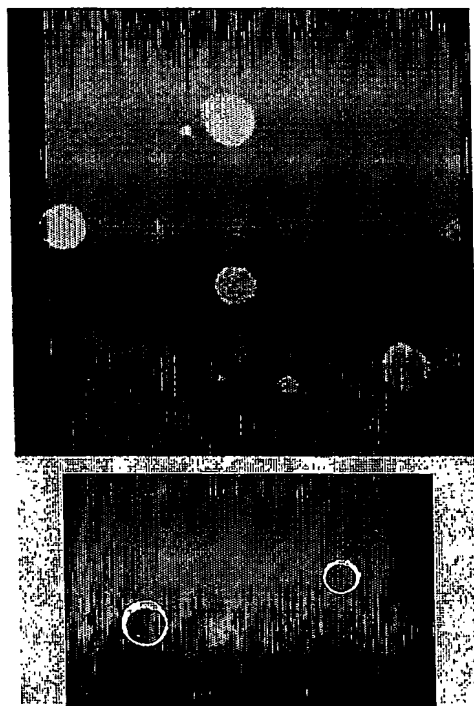


FIG. 6

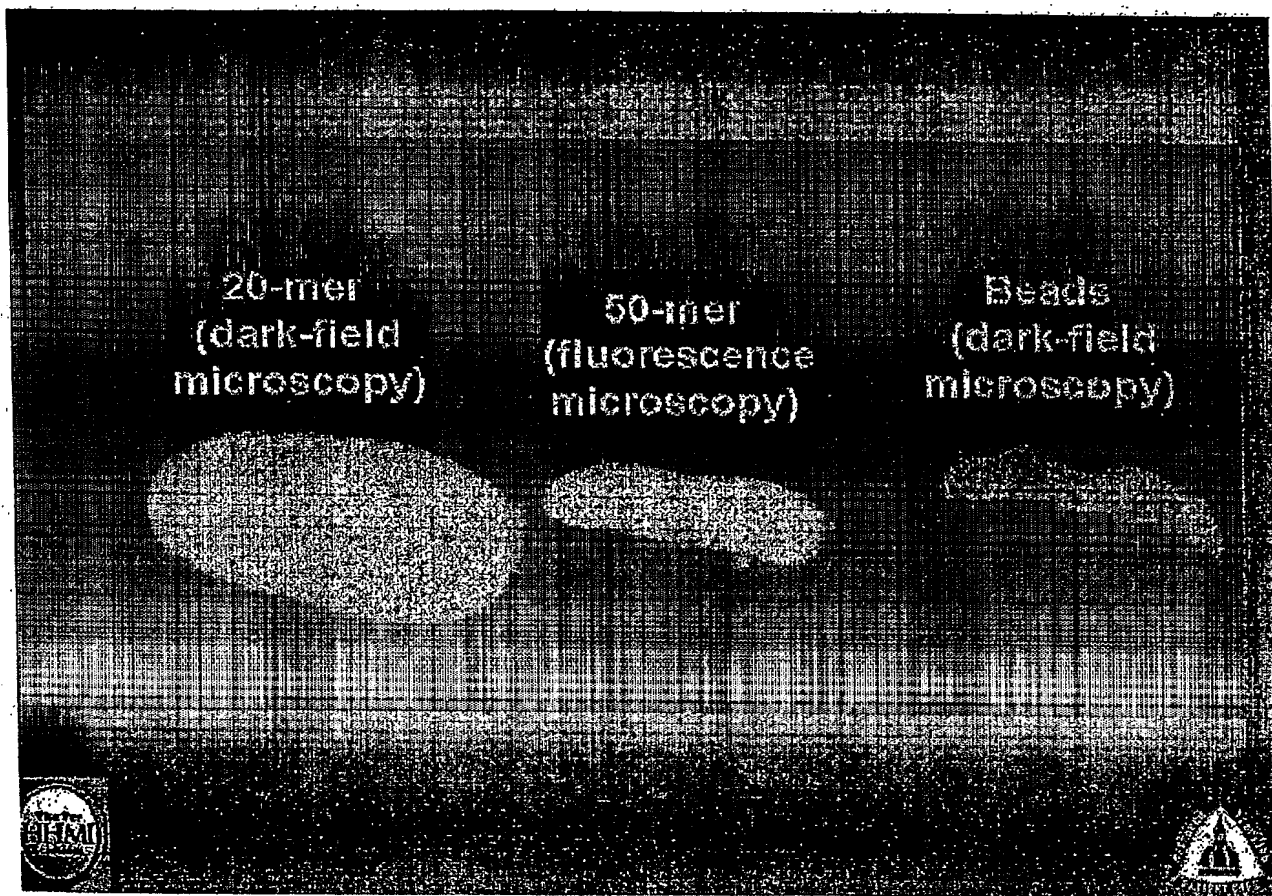


FIG. 7

Fig. 8. Oligonucleotides

<b>Locus</b>	<b>Oligonucleotide*</b>	<b>Modification</b>	<b>Use**</b>
<i>MID42</i>	5'-tactatgtattatacgttaagacctctatgaatgaatga	5' Dual biotin	Bound to Beads
<i>MID42</i>	5'-cgttaagacctctatgaatgaatga	none	Forward Primer for PCR
<i>MID42</i>	5'-gaaaggtaagtacagggaagg	none	Reverse Primer for PCR
<i>MID42</i>	5'-cacgcagattgaattaaacAGTTagtacaaagacacgtg	5' 6-FAM	Hybridization probe for L allele
<i>MID42</i>	5'-cacgcagattgaattaaacagttacaaagacacgtg	5' Biotin	Hybridization probe for S allele
<i>Calpain-10</i>	5'-aggtcccagaggggtggaaggagccaggacgcacccccactgctgctg	5' Dual Biotin	Bound to Beads
<i>Calpain-10</i>	5'-aggtcccagaggggtggaag	none	Forward Primer for PCR
<i>Calpain-10</i>	5'-ttcgatggctcactgtgaag	none	Reverse Primer for PCR
<i>Calpain-10</i>	5'-cacggtagggtgctTgcaggcagcgtg	5' 6-FAM	Hybridization probe for A allele
<i>Calpain-10</i>	5' -cacggtagggtgccCgcaggcagcgtg	5' Biotin	Hybridization probe for G allele
<i>KRAS2</i>	5'-ttcgtccacaaaatgattctgaattagctgtatcgtaagg	5' Dual Biotin	Bound to Beads
<i>KRAS2</i>	5'-agaatggctcctgcaccagtaa	none	Reverse Primer for PCR
<i>KRAS2</i>	5'-catgttctaataatagtcacatttca	none	Forward Primer for PCR
<i>KRAS2</i>	5'-cacgggagctGGTGGCgtagcgtg	5' 6-FAM	Hybridization probe for wt allele
<i>KRAS2</i>	5'-ccacgggagctgatggcgtagcgtg	5' Biotin	Hybridization probe for mutant allele

\*Bases in upper case represent allelic differences. SEQ ID NOS: 3-17, respectively.

\*\*Hybridization probes each contained 4 bases at their 5' and 3' ends to form hairpins, as explained in the text.